HINTS ON BUYING AND SELLING VISES

The least effort to do anything quickly and well is money saved.

BUY "Massey Vises" because they will make your customer say: "Mr. Dealer, you can rely on our trade, because you carry in stock the most improved and up-to-date tools."

Sell your customers a "Massey Vise" that requires less manipulation and effort to do its work securely and you have made a double profit—one for yourself and one for your customer.

If you want durability in Vises without quick action, we can supply you with these.

Do not overlook our instantaneous parallel chucking "de—Vises" for Planers, Millers and Drill Presses.

Telephone
3064
Main

A B C
W U
Codes

MASSEY VISE COMPANY

Manufacturers

30 and 32 South Canal Street
CHICAGO, U. S. A.

003935

TO THOSE WHO USE VISES

"To be content with what we at present know, is for the most part to shut our ears against conviction."

IN the manufacture of vises it is our constant aim to embody in their design all features that would make them desirable.

We have modelled the front and back jaws so that with fair usage they will withstand all strain put upon them.

The best workmanship and material are used in their construction.

All parts of vises are interchangeable.

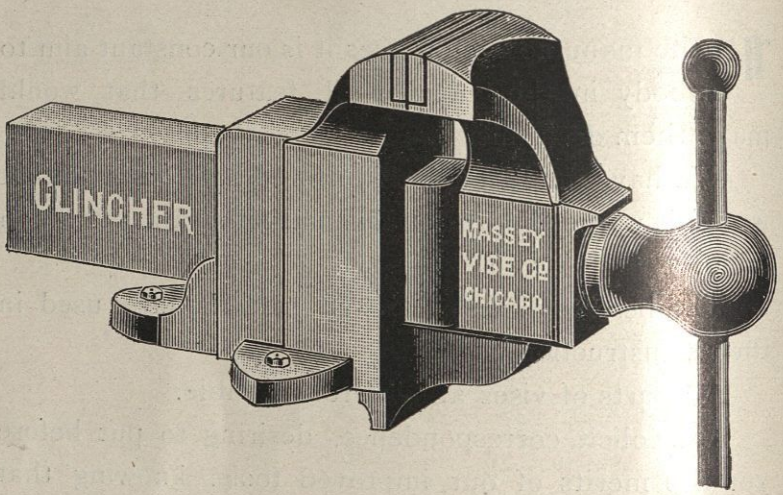
We solicit correspondence, desiring to put before you the merits of our improved tools, knowing that unprejudiced minds will not fail to realize their time and money saving qualities.

To those who are not familiar with the instantaneous chucking facilities of our Planer, Milling and Drill Press Vises we will gladly send a sample for inspection.

MASSEY VISE COMPANY.

January, 1901.

MASSEY'S CLINCHER VISE.



No. 30.	Flat Bottom, 3¼	in. Jaw;	Open 4	in.;	Weight 22 lbs..	$ 6 00
No. 31.	Flat Bottom, 3⅝	in. Jaw;	Open 5	in.;	Weight 29 lbs..	7 00
No. 32.	Flat Bottom, 4⅛	in. Jaw;	Open 5½	in.;	Weight 40 lbs..	8 50
No. 33.	Flat Bottom, 4⅝	in. Jaw;	Open 6¼	in.;	Weight 55 lbs..	10 00
No. 34.	Flat Bottom, 5	in. Jaw;	Open 7	in.;	Weight 70 lbs..	13 00
No. 35.	Flat Bottom, 5⅜	in. Jaw;	Open 8½	in.;	Weight 95 lbs..	17 50
No. 36.	Flat Bottom, 6	in. Jaw;	Open 9½	in.;	Weight 135 lbs..	25 00

MASSEY'S CLINCHER VISE.

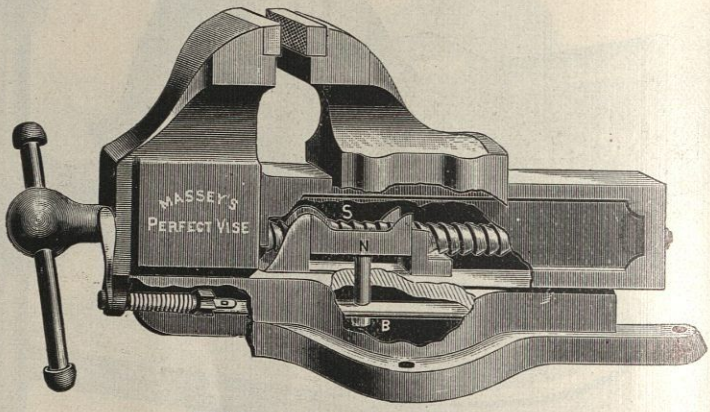
SWIVEL BOTTOM.

No. 30.	Swivel Bottom, 3¼	in. Jaw;	Open 4	in.;	Weight 28 lbs.	$ 7	50
No. 31.	Swivel Bottom, 3⅝	in. Jaw;	Open 5	in.;	Weight 36 lbs.	8	75
No. 32.	Swivel Bottom, 4¼	in. Jaw;	Open 5½	in.;	Weight 52 lbs.	10	50
No. 33.	Swivel Bottom, 4⅝	in. Jaw;	Open 6¼	in.;	Weight 64 lbs.	12	50
No. 34.	Swivel Bottom, 5	in. Jaw;	Open 7	in.;	Weight 85 lbs.	16	00
No. 35.	Swivel Bottom, 5⅜	in. Jaw;	Open 8½	in.;	Weight 110 lbs.	21	00
No. 36.	Swivel Bottom, 6	in. Jaw;	Open 9½	in.;	Weight 150 lbs.	30	00

MASSEY'S

PERFECT QUICK ADJUSTING SCREW VISE.

THE KING OF VISES.



STEEL UNDERCUT THREAD.

The Perfect Vise is best for machine shops because the loose jaw can be instantly adjusted without the hand releasing the handle.

The vise has a steel forged screw.

It is heavier than any other vise on the market.

It soon saves its first cost in economy of time.

A **special feature** of the Perfect Screw and Nut is that they **improve with use** instead of deteriorating, as other nuts and screws.

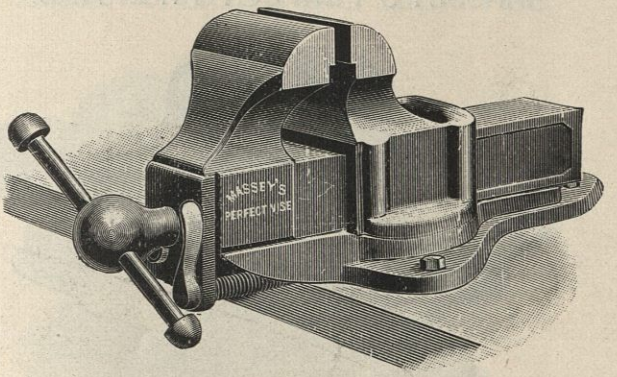
The Perfect Vise is **BEST FOR THE WORKMAN** because it is the easiest to hold work in.

It is the easiest and simplest to manipulate from a Screw Vise to a Sudden Grip Vise.

It helps to show a better day's work, and therefore increase the satisfaction and profit both of master and man.

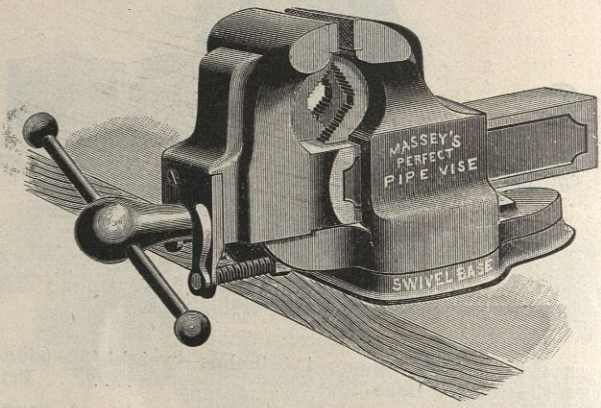
Our late improvements make this a **"Perfect Vise."**

PERFECT VISE.



No. 0.	3½ inch jaws—opens 4½ inches—weight 32 pounds. Stationary Base ..... Price,	$ 7 75
No. 1.	4 inch jaws—opens 5½ inches—weight 42 pounds. Stationary Base ..... Price,	9 50
No. 2.	4¾ inch jaws—opens 6 inches—weight 70 pounds. Stationary Base ..... Price,	11 50
No. 3.	5½ inch jaws—opens 8 inches—weight 109 pounds. Stationary Base ..... Price,	17 50
No. 4.	6¼ inch jaws—opens 9 inches—weight 140 pounds. Stationary Base ..... Price,	23 00
No. 0.	3½ inch jaws—opens 4 inches—weight 40 pounds. Swivel Base ..... Price,	8 75
No. 1.	4 inch jaws—opens 5½ inches—weight 50 pounds. Swivel Base ..... Price,	10 50
No. 2.	4¾ inch jaws—opens 6 inches—weight 78 pounds. Swivel Base ..... Price,	12 50
No. 3.	5½ inch jaws—opens 8 inches—weight 118 pounds. Swivel Base ..... Price,	19 50
No. 4.	6¼ inch jaws—opens 9 inches—weight 150 pounds. Swivel Base ..... Price,	25 00

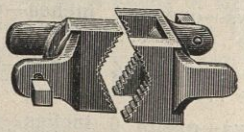
MASSEY'S PERFECT PIPE VISE.



Page 2 explains the quick action of this vise. The loose jaw can be slid out, the pipe dropped between the pipe jaws and fastened instantly.

No. 25. 3½ inch jaws—holds up to 2 inch pipe—weight 47 pounds. Swivel Base .....Price, $16 00

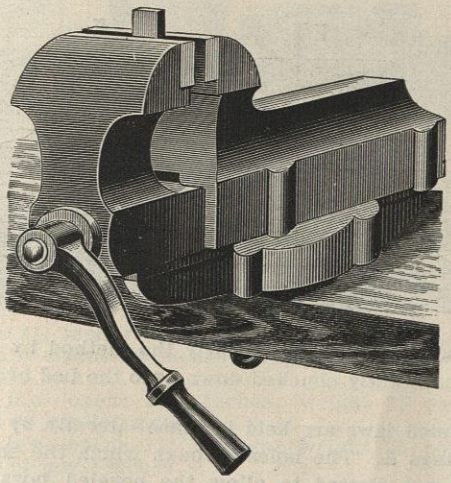
No. 26. 4½ inch jaws—holds up to 3 inch pipe—weight 70 pounds. Swivel Base .....Price, 20 00



The above pipe jaws can be used with our No. 2 vises on page 2. They can be conveniently fastened in the vise and removed when not wanted.

Dandy Pipe Jaws—for No. 2 vise.....Price, $2 50

MASSEY'S LIGHTNING GRIP VISE.



ALL ENGAGING PARTS STEEL.

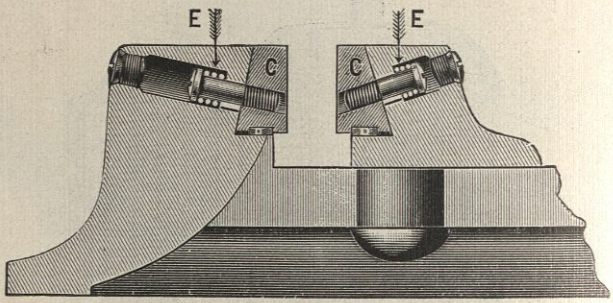
The loose jaw can be instantly adjusted and the work firmly fastened with a quarter turn of the handle.

The handle is **always** on the right side of the vise when vise is in use.

STATIONARY OR SWIVEL BASE.

No. 11.	3½ inch jaws—opens 5 inches.....Price,	**$ 8 50**
No. 12.	4½ inch jaws—opens 6 inches.....Price	**11 50**
No. 14.	5½ inch jaws—opens 8 inches.....Price,	**17 50**
No. 16.	7 inch jaws—opens 11 inches.....Price,	**30 00**

MASSEY'S PLANER AND MILLING MACHINE CHUCK.



The cross section shows clearly the method by which a piece of work can be instantly chucked down onto the bed of the vise.

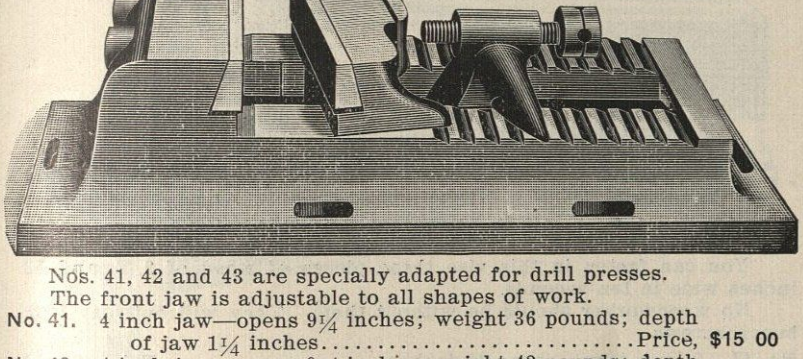
The beveled jaws are held in place laterally by the inner screws and coil springs **E.** The holes through which the shank of the inner screws pass are slotted to allow the beveled jaws to travel downwards.

The work when chucked travels with the beveled jaws and is forced down hard onto the bed of the vise. The obvious advantage of this is that anything planed or milled may be depended upon to be true to its under surface.

When the work is released from the vise the beveled jaws are raised flush with the top of the vise by the bow springs **D,** a section of which is shown.

Any irregular shaped work can be chucked accurately. It is an impossibility to chuck the work otherwise than true to the bed of the vise, and its simple and quick operation recommends it to all machine shops.

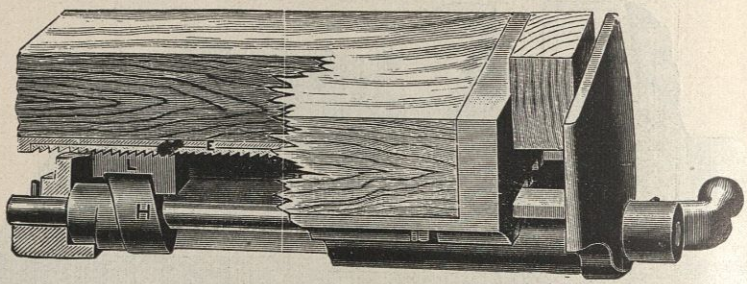
MASSEY'S PLANER AND MILLING MACHINE CHUCK.



Nos. 41, 42 and 43 are specially adapted for drill presses.
The front jaw is adjustable to all shapes of work.

No. 41.	4 inch jaw—opens 9¼ inches; weight 36 pounds; depth of jaw 1¼ inches.....Price,	$15 00
No. 42.	4 inch jaw—opens 9¼ inches; weight 42 pounds; depth of jaw 2 inches.....Price,	17 00
No. 43.	5 inch jaw—opens 11¾ inches; weight 65 pounds; depth of jaw 1½ inches.....Price,	20 00
No. 44.	5 inch jaw—opens 11¾ inches; weight 75 pounds; depth of jaw 3 inches.....Price,	25 00
No. 46.	8 inch jaw—opens 9½ inches; weight 150 pounds; depth of jaw 2 inches.....Price,	45 00
No. 47.	8 inch jaw—opens 11½ inches; weight 163 pounds; depth of jaw 2 inches.....Price,	47 00
No. 48.	8 inch jaw—opens 13½ inches; weight 176 pounds; depth of jaw 2 inches.....Price,	49 00
No. 49.	8 inch jaw—opens 15½ inches; weight 195 pounds; depth of jaw 2 inches.....Price,	51 00
No. 50.	8 inch jaw—opens 9 inches; weight 165 pounds; depth of jaw 3 inches.....Price,	47 00
No. 51.	8 inch jaw—opens 11 inches; weight 178 pounds; depth of jaw 3 inches.....Price,	49 00
No. 52.	8 inch jaw—opens 13 inches; weight 191 pounds; depth of jaw 3 inches.....Price,	51 00
No. 53.	8 inch jaw—opens 15 inches; weight 210 pounds; depth of jaw 3 inches.....Price,	53 00
No. 54	10 inch jaw—opens 15 inches; weight 250 pounds; depth of jaw 3 inches.....Price,	57 00

MASSEY'S
LIGHTNING GRIP WOOD-WORKERS' VISE.

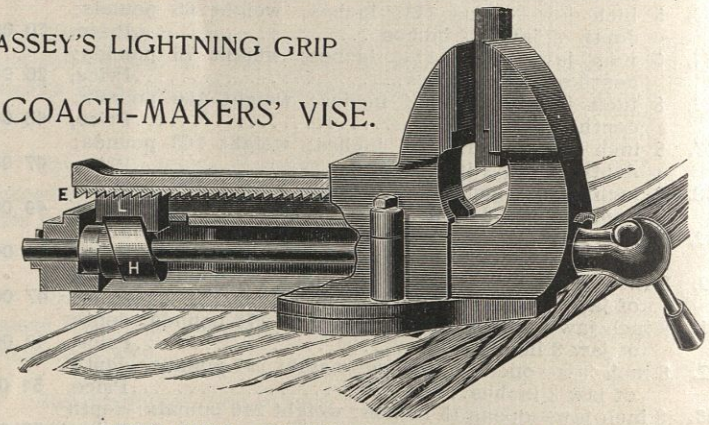


You can fasten in this vise three pieces of wood of 2, 6, and 12 inches wide in ten seconds.

No woodworker should be without them. They will outwear four bench screws.

No. 17. 9 inch jaws—opens 12 inches.....Price, $6 00
No. 19. 6½ inch jaws—opens 7 inches.....Price, 4 50

MASSEY'S LIGHTNING GRIP
COACH-MAKERS' VISE.

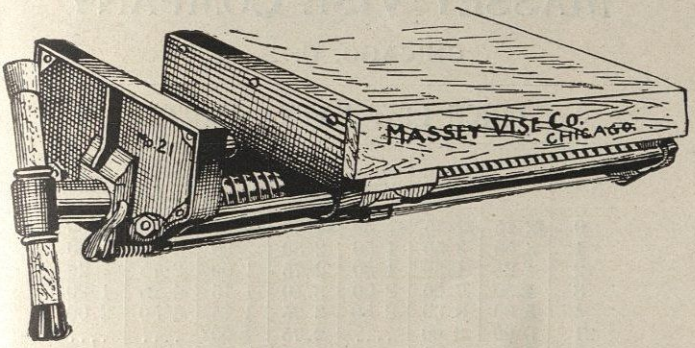


STEEL JAWS. SWIVEL OR STATIONARY BASE.

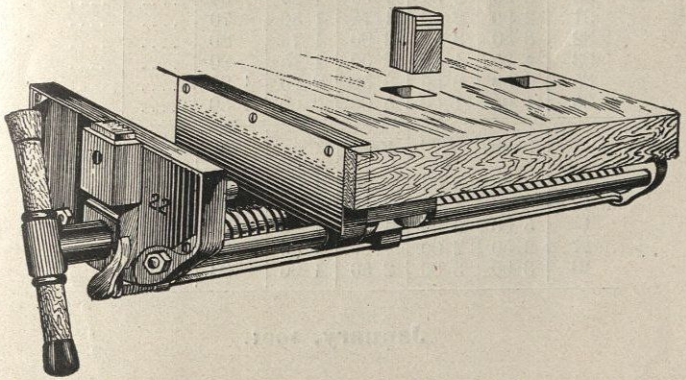
No. 18. 4½ inch jaws—opens 10 inches.....Price, $10 00

MASSEY'S PERFECT RAPID-ACTING CONTINUOUS SCREW VISES.

INSTANTANEOUS ADJUSTMENT SAME AS VISES ON PAGE THREE.



No. 21. 10 inch jaws—opens 12 inches; depth 4 inches; weight 42 pounds; screw 4 threads to one inch.....Price, **$6 50**



No. 22. 10 inch jaws—opens 12 inches; depth 4 inches; weight 45 pounds. Stop in front jaw.....Price, **$7 00**

MASSEY VISE COMPANY

CHICAGO, U. S. A.

PRICE LIST EXTRA PARTS

Vise Nos.	Body	Front Jaw	Swivel Base	Screw and Lever	Nut	Old Style Base	Steel Jaws
0	$2 75	$2 75	$1 50	$2 50	$0 90	$2 50	$1 00
1	3 50	3 50	1 50	2 50	90	2 50	1 00
2	4 25	4 50	1 50	2 75	1 00	2 75	1 20
3	4 50	7 00	2 00	3 50	1 75	4 25	1 90
4	5 00	8 00	2 50	3 75	1 75	4 50	2 00
21	3 00	3 00	....	2 75	1 00	....	....
22	3 00	3 75	....	2 75	1 00	....	....
25	5 60	5 60	1 50	3 50	1 30	3 50	1 40
26	6 50	6 50	1 50	3 50	1 50	4 00	2 00
30	2 50	2 50	1 50	1 25	60	....	....
31	2 90	2 90	1 75	1 50	70	....	....
32	3 50	3 50	2 00	1 75	80	....	....
33	4 25	4 25	2 00	1 75	90	....	....
35	8 50	8 50	3 50	2 50	1 25	....	....
36	11 00	11 00	5 00	3 00	1 50	....	....

	Body	Front Jaw	Base	Cam	Dog	Rack	Steel Jaws
11	3 00	3 00	2 75	1 00	1 00	1 75	1 00
12	3 50	4 00	3 00	1 00	1 00	1 85	1 20
14	5 00	6 00	4 50	1 20	1 30	2 50	1 90
17	2 50	2 00	....	1 00	30	1 25	....
18	3 00	3 00	2 50	1 00	30	1 25	....

January, 1901.